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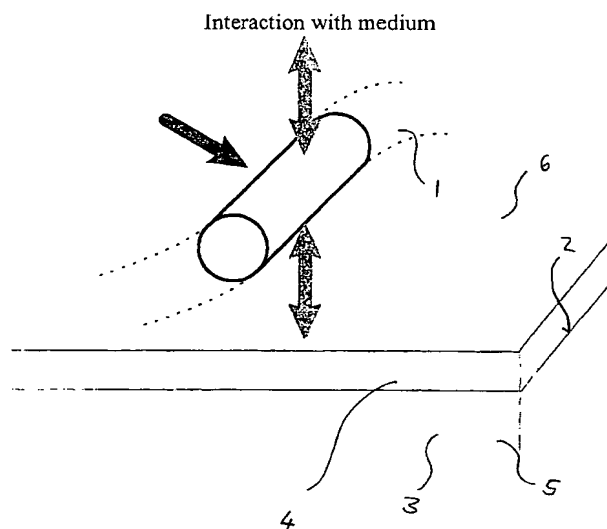
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(54) Title: METHOD FOR ARRANGING A POLYMER MOLECULE



(57) Abstract: The invention relates to a method for arranging a polymer molecule such as a biomolecule on a support, the method comprising the following steps: providing a substrate (3) having a surface (2); providing a surface layer (4) on said surface (2) of the substrate (3), said substrate (3) and said surface layer (4) providing a support (5); and placing a polymer molecule (1) on said surface layer (4) in a first position, said polymer molecule (1) having a first conformation on said surface layer (4); wherein said surface layer (4) is configured to adjust predefined molecular interaction between the polymer molecule (1) and said support (5) to allow fixing of the first conformation of the polymer molecule (1), dislocating at least part of the polymer molecule (1) across said surface layer (4) relative to said support (5) by an external force, and subsequently fixing the polymer molecule (1) on the surface layer (4).

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10329

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B01J19/00 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01J C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 06278 A (SIMON ADAM J) 20 February 1997 (1997-02-20) abstract page 1, line 8 - line 12 page 4, line 2 -page 5, line 27 page 14, line 28 -page 17, line 29; claims; figures 1,3 ---	1-27
X	US 5 079 169 A (CHU STEVEN ET AL) 7 January 1992 (1992-01-07) column 2, line 49 -column 3, line 66 column 8, line 5 -column 12, line 9 claims; figures 1,6 --- -/--	1-27

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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PCT/EP 93/10329

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 5 314 829 A (COLES L STEPHEN) 24 May 1994 (1994-05-24) abstract column 1, line 15 - line 19 column 2, line 33 - line 63 column 3, line 10 -column 5, line 54; claims; figure 2 ---	1-27
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X	HIDENOBU NAKAO ET AL.: "Development of Novel Polymer-coated Substrates for Straightening and Fixing DNA" NANO LETTERS, vol. 2, no. 5, 1992, pages 475-479, XP002225163 cited in the application the whole document -----	1-27

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